100 4 1		
VIII-4-1	Declaration: Inventorship (only for the purposes of the designation of the United States of America)	
	Declaration of inventorship (Rules	I hereby declare that I believe I am the
	4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:	original, first and sole (if only one
		inventor is listed below) or joint (if
		more than one inventor is listed below)
		inventor of the subject matter which is
		claimed and for which a patent is
		sought.
		This declaration is directed to
		international application No.
		PCT/US03/30359(if furnishing declaration
		pursuant to Rule 26ter)
		I hereby declare that my residence,
		mailing address, and citizenship are as
		stated next to my name.
		I hereby state that I have reviewed and
		understand the contents of the above-
		identified international application,
		including the claims of said
		application. I have identified in the
		request of said application, in
		compliance with PCT Rule 4.10, any claim
	1	to foreign priority, and I have
		identified below, under the heading
		"Prior Applications," by application
		number, country or Member of the World
		Trade Organization, day, month and year
		of filing, any application for a patent
		or inventor's certificate filed in a
		country other than the United States of
		America, including any PCT international
		application designating at least one
		country other than the United States of
		America, having a filing date before
		that of the application on which foreign
		priority is claimed.
VIII-4-1-	Prior applications:	60/413,583, US, 25 September 2002
1		(25.09.2002)
		60/491,842, US, 01 August 2003
		(01 08 2003)

VIII-4-1- Name: 1-1 VIII-4-1- Residence: (city and either US State, if applicable, 1-2 or country) VIII-4-1- Mailing address: 1-3 VIII-4-1- Citizenship: 1-4 VIII-4-1- Inventor's Signature: (if not contained in the request, or if 1-5 declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent) VIII-4-1- Date: (of signature which is not contained in

application)

the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international

LOUKOLA, Anu-Maria

Veikkola, Finland

Mäkitie 4

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Ann Contala 22 October 2003

		·
VIII-4-1-	Name:	PENN, Sharron, Gaynor
2-1		zana, mazzen, eninez
VIII-4-1-	Residence:	San Carlos, California
2-2	(city and either US State, if applicable,	,
	or country)	
	Mailing address:	1529 School Street
2-3		
	Citizenship:	GB
2-4		
	Inventor's Signature: (if not contained in the request, or if	
2-5	declaration is corrected or added under	
	Rule 26ter after the filing of the	
	international application. The signature	
	must be that of the inventor, not that of	
	the agent)	
VIII-4-1-		
2-6	(of signature which is not contained in	
	the request, or of the declaration that is	
	corrected or added under Rule 26ter after the filing of the international	
	application)	
VIII-4-1-	Name:	RANK, David, Russell
3-1	Trains.	RANK, David, Russell
VIII-4-1-	Residence:	Fremont, California
3-2	(city and either US State, if applicable,	22000007 000000000000000000000000000000
	or country)	
VIII-4-1-	Mailing address:	117 El Dorado Commons
3-3		
VIII-4-1- 3-4	Citizenship:	US
3-4 VIII-4-1-	Inventor's Signature:	
3-5	(if not contained in the request, or if	
	declaration is corrected or added under	
	Rule 26ter after the filing of the	
	international application. The signature	
	must be that of the inventor, not that of	
100 4 4	the agent)	
VIII-4-1- 3-6	Date: (of signature which is not contained in	·
3-0	the request, or of the declaration that is	
	corrected or added under Rule 26ter	
	after the filing of the international	
	application)	

		4/4
VIII-4-1- 4-1	Name:	HANZEL, David, Kagen
VIII-4-1- 4-2	Residence: (city and either US State, if applicable, or country)	Palo Alto, California
VIII-4-1- 4-3	Mailing address:	988 Loma Verde Avenue
VIII-4-1- 4-4	Citizenship:	us
VIII-4-1- 4-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the agent)	
VIII-4-1- 4-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	
VIII-4-1- 5-1	Name:	CASEY, Graham
VIII-4-1- 5-2	Residence: (city and either US State, if applicable, or country)	Moreland Hills, Ohio
5-3	Mailing address:	55 Skyline Drive
VIII-4-1- 5-4	Citizenship:	GB
VIII-4-1- 5-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1- 5-6		
VIII-4-1- 6-1	Name:	WITTE, John, S.
VIII-4-1- 6-2	Residence: (city and either US State, if applicable, or country)	Burlingame, California
VIII-4-1- 6-3	Mailing address:	2931 Frontera Way
VIII-4-1- 6-4	Citizenship:	us
VIII-4-1- 6-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	·
VIII-4-1- 6-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	

The undersigned applicant(s)	
hereby appoints (appoint) the following person(s)	RONNING, JR., Royal, N.(32,529); RYAN, Stephen, G. (39,015); JI, Yonggang (53,073); CAI, Li (45,629); CHISHOLM, Robert, F. (39,939); BOUDREAUX, Gerald (35,073) Amersham Biosciences Corp 800 Centennial Avenue
]	
	Piscataway, NJ 08855
Correspondence address associated	United States of America
with customer number	22840
to represent the undersigned before	The United State Patent and Trademark Office
in connection with the 371 National Phase filing of international application identified below:	
	DETECTION METHODS
Applicant's or agent's file reference	PB0262
International application number and Filing Date	PCT/US03/30359 25 September 2003 (25.09.2003)
Signature of applicant	·
Name	LOUKOLA, Anu-Maria
Date	
Signature of applicant	
Name	PENN, Sharron, G.
Date	
Signature of applicant	
Name	RANK, David, R.
Date	
Signature of applicant	
Name	HANZEL, David K.

2/2
CASEY, Graham
·
CASEY, Graham
WITTE, John, S.
1 2 -

The undersigned applicant(s)	
hereby appoints (appoint) the following person(s) Correspondence address associated with customer number	RONNING, JR., Royal, N. (32,529); RYAN, Stephen, G. (39,015); JI, Yonggang (53,073); CAI, Li (45,629); CHISHOLM, Robert, F. (39,939); BOUDREAUX, Gerald (35,073) Amersham Biosciences Corp 800 Centennial Avenue Piscataway, NJ 08855 United States of America 22840
to represent the undersigned before	The United State Patent and Trademark Office
in connection with the 371 National Phase filing of international application identified below:	
Title of the invention	DETECTION METHODS
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International application number and Filing Date	PCT/US03/30359 25 September 2003 (25.09.2003)
Signature of applicant	
Name	LOUKOLA, Anu-Maria
	·
Date	
Date Signature of applicant	
	PENN, Sharron, G.
Signature of applicant	
Signature of applicant Name	
Signature of applicant Name Date	PENN, Sharron, G.
Name Date Signature of applicant	
Name Date Signature of applicant Name	PENN, Sharron, G.
Name Date Signature of applicant Name Date Date Date Date	PENN, Sharron, G.

<u> </u>	Signature of applicant	
	Name	CASEY, Graham
,	Date	
W	Signature of applicant	John J With
	Name	WITTE, John, S.
	Date 1/23/04	

	DOUBLING TO Describe 12 (20 E00) - PURIN
hereby appoints (appoint) the following person(s)	RONNING, JR., Royal, N. (32,529); RYAN
	Stephen, G. (39,015); JI, Yonggang
	(53,073); CAI, Li (45,629); CHISHOLM,
	Robert, F. (39,939); BOUDREAUX, Geral
	(35,073)
	Amersham Biosciences Corp
	800 Centennial Avenue
	Piscataway, NJ 08855
	United States of America
Correspondence address associated with customer number	22840
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reference	
International application number and Filing Date	PCT/US03/30359
	25 September 2003 (25.09.2003)
Signature of applicant	,
•	
	_ :
Name ,	LOUKOLA, Anu-Maria
Name ,	LOUKOLA, Anu-Maria
,	LOUKOLA, Anu-Maria
Date	LOUKOLA, Anu-Maria PENN, Sharron; G
Date Signature of applicant	
Signature of applicant Name	
Date Signature of applicant Name Date	
Date Signature of applicant Name Date	PENN, Sharron, G.
Date Signature of applicant Name Date	
Date Signature of applicant Name Date	PENN, Sharron, G.
Name Date Signature of applicant Name Date Signature of applicant	PENN, Sharron, G. RANK, David, R.
Name Date Signature of applicant Name Date Signature of applicant	PENN, Sharron, G.
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Name Date Signature of applicant Name Date Signature of applicant Name Date Signature of applicant	PENN, Sharron, G. RANK, David, R. 1-5-2004
Name Date Signature of applicant Name Date Signature of applicant Name Date	PENN, Sharron, G. RANK, David, R.

Signature of applicant		
Name	CASEY, Graham	
Date		
Signature of applicant		
Name	WITTE, John, S.	
Date		

1/2

The undersigned applicant(s)	
 hereby appoints (appoint) the following person(s) Correspondence address associated with customer number	RONNING, JR., Royal, N.(32,529); RYAN, Stephen, G. (39,015); JI, Yonggang (53,073); CAI, Li (45,629); CHISHOLM, Robert, F. (39,939); BOUDREAUX, Gerald (35,073) Amersham Biosciences Corp 800 Centennial Avenue Piscataway, NJ 08855 United States of America 22840
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Title of the invention	DETECTION METHODS
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International application number and Filing Date	PCT/US03/30359 25 September 2003 (25.09.2003)
Signature of applicant	·
 Name	LOUKOLA, Anu-Maria
Date ·	
Signature of applicant	
Name 3W	PENN, Sharron, G.
 Date	3 FEB 2004
Signature of applicant	
 Name	RANK, David, R.
 Date	
Signature of applicant	
Name	HANZEL, David K.

Signature of applicant	
Name	CASEY, Graham
Date	CADDI, Glandii
Signature of applicant	
Name	WITTE, John, S.
Date	

VIII-4-1	Declaration: Inventorship (only for the purposes of the designation of the United States of America)	
	Declaration of inventorship (Rules	I hereby declare that I believe I am the
	4.17(iv) and 51bis.1(a)(iv)) for the	original, first and sole (if only one
	purposes of the designation of the United States of America:	inventor is listed below) or joint (if
		more than one inventor is listed below)
		inventor of the subject matter which is
		claimed and for which a patent is
	•	sought.
		This declaration is directed to
		international application No.
		PCT/US03/30359(if furnishing declaration
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		I hereby declare that my residence,
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		I hereby state that I have reviewed and
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		including the claims of said
		application. I have identified in the
		request of said application, in
		compliance with PCT Rule 4.10, any claim
		to foreign priority, and I have
		identified below, under the heading
		"Prior Applications," by application
		number, country or Member of the World
		Trade Organization, day, month and year
		of filing, any application for a patent
		or inventor's certificate filed in a
		country other than the United States of
		America, including any PCT international
		application designating at least one
		country other than the United States of
		America, having a filing date before
		that of the application on which foreign
		priority is claimed.
VIII-4-1-	Prior applications:	60/413,583, US, 25 September 2002
1		(25.09.2002)
:		60/491,842, US, 01 August 2003
		(01.08.2003)
	<u> </u>	(01.00.2003)

VIII-4-1- Name: 1-1 VIII-4-1-Residence: 1-2 (city and either US State, if applicable, or country) VIII-4-1- Mailing address: 1-3 VIII-4-1- Citizenship: 1-4 VIII-4-1- Inventor's Signature: (if not contained in the request, or if 1-5 declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent) VIII-4-1-Date: 1-6 (of signature which is not contained in the request, or of the declaration that is

corrected or added under Rule 26ter after the filing of the international

application)

LOUKOLA, Anu-Maria

Veikkola, Finland

Mäkitie 4

VIII-4-1-	Name [.]	PENN, Sharron, Gaynor
2-1		PENN, Sharron, Gaynor
VIII-4-1-	Residence:	San Carlos, California
2-2	(city and either US State, if applicable, or country)	
VIII-4-1- 2-3	Mailing address:	1529 School Street
VIII-4-1- 2-4	Citizenship:	GB
2-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1- 2-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	
VIII-4-1- 3-1	Name:	RANK, David, Russell
VIII-4-1- 3-2	Residence: (city and either US State, if applicable, or country)	Palo Alto, California
VIII-4-1- 3-3	Mailing address:	241 Curtner Avenue
VIII-4-1- 3-4	Citizenship:	us
VIII-4-1- 3-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1- 3-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	

		4/4
VIII-4-1- 4-1	Name: Z-A	HANZEL, David, Kagen
VIII-4-1- 4-2	Residence: (city and either US State, if applicable, or country)	Palo Alto, California (CO)
VIII-4-1- 4-3	Mailing address:	988 Loma Verde Avenue
VIII-4-1- 4-4	Citizenship:	US
VIII-4-1- 4-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of	Jan Jan
VIII-4-1- 4-6	the agent) Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter	10/20/03
	after the filing of the international application)	
VIII-4-1- 5-1	Name:	CASEY, Graham
VIII-4-1- 5-2	Residence: (city and either US State, if applicable, or country)	Moreland Hills, Ohio
VIII-4-1- 5-3	Mailing address:	55 Skyline Drive
VIII-4-1- 5-4	Citizenship:	GB
VIII-4-1- 5-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1- 5-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	
VIII-4-1- 6-1	Name:	WITTE, John, S.
VIII-4-1- 6-2	Residence: (city and either US State, if applicable, or country)	Burlingame, California
VIII-4-1- 6-3	Mailing address:	2931 Frontera Way
VIII-4-1- 6-4	Citizenship:	ບຣ
VIII-4-1- 6-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1- 6-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	

VIII 4 4	Declaration: Inventorship (only for	
A 1114-1	the purposes of the designation of	
	the United States of America)	
	Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the	I hereby declare that I believe I am the
	purposes of the designation of the	original, first and sole (if only one
	United States of America:	inventor is listed below) or joint (if
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		inventor of the subject matter which is
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		request of said application, in
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		"Prior Applications," by application
		number, country or Member of the World
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		or inventor's certificate filed in a
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		application designating at least one
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		that of the application on which foreign
1/10 4 4	Dries emplications:	priority is claimed.
VIII-4-1- 1	Prior applications:	60/413,583, US, 25 September 2002
•		(25.09.2002)
		60/491,842, US, 01 August 2003
		(01.08.2003)

1-1
VIII-4-1- Residence:
1-2 (city and either US State, if applicable,
or country)
VIII-4-1- Mailing address:
1-3
VIII-4-1- Citizenship:
1-4
VIII-4-1- Inventor's Signature:
1-5 (if not contained in the request, or if
declaration is corrected or added under
Rule 26ter after the filing of the
international application. The signature
must be that of the inventor, not that of
the agent)
VIII-4-1- Date:
1-6 (of signature which is not contained in
the request, or of the declaration that is
corrected or added under Rule 26ter
after the filing of the international
application)

VIII-4-1- Name

LOUKOLA, Anu-Maria

Veikkola, Finland

Mäkitie 4

VIII-4-1- 2-1	Name:	PENN, Sharron, Gaynor
	Residence: (city and either US State, if applicable, or country)	San Carlos, California
VIII-4-1- 2-3	Mailing address:	1529 School Street
VIII-4-1- 2-4	Citizenship:	GB
VIII-4-1- 2-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1- 2-6		
VIII-4-1- 3-1	Name:	RANK, David, Russell
VIII-4-1- 3-2	Residence: (city and either US State, if applicable, or country)	Palo Alto, California
VIII-4-1- 3-3	Mailing address:	241 Curtner Avenue
VIII-4-1- 3-4	Citizenship:	บร
3-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1- 3-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	

		4/4
VIII-4-1- 4-1	Name:	HANZEL, David, Kagen
	Residence: (city and either US State, if applicable, or country)	Palo Alto, California
VIII-4-1- 4-3	Mailing address:	988 Loma Verde Avenue
	Citizenship:	us
	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1- 4-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	:
VIII-4-1- 5-1	Name:	CASEY, Graham
VIII-4-1- 5-2	Residence: (city and either US State, if applicable, or country)	Moreland Hills, Ohio
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VIII-4-1- 5-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	
VIII-4-1- 6-1	Name: / M	WITTE, John, S.
VIII-4-1- 6-2	Residence: (city and either US State, if applicable, or country)	Burlingame, California
VIII-4-1- 6-3	Mailing address:	2931 Frontera Way
	Citizenship:	us ,
VIII-4-1- 6-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	John S. With
VIII-4-1- 6-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	(/23/04

371 NATIONAL PHASE POWER OF ATTORNEY

The undersigned applicant(s)	
hereby appoints (appoint) the following person(s)	RONNING, JR., Royal, N.(32,529); RYAN, Stephen, G. (39,015); JI, Yonggang (53,073); CAI, Li (45,629); CHISHOLM, Robert, F. (39,939); BOUDREAUX, Gerald (35,073) Amersham Biosciences Corp 800 Centennial Avenue
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International application number and Filing Date	PCT/US03/30359 25 September 2003 (25.09.2003)
Signature of applicant	
Signature of applicant Name	LOUKOLA, Anu-Maria
	LOUKOLA, Anu-Maria
Name	LOUKOLA, Anu-Maria
Name Date	LOUKOLA, Anu-Maria PENN, Sharron, G.
Name Date Signature of applicant	
Name Date Signature of applicant Name	
Name Date Signature of applicant Name Date	PENN, Sharron, G.
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Name Date Signature of applicant Name Date Signature of applicant Name Date Signature of applicant	PENN, Sharron, G.

	Signature of applicant	
	Name	CASEY, Graham
	Date	
	Signature of applicant	
-		·
	Name	WITTE, John, S.
	Date	

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VIII-4-1-	Residence:
1-2	(city and either US State, if applicable,
	or country)
VIII-4-1-	Mailing address:
1-3	- -
VIII-4-1-	Citizenship:
1-4	·
VIII-4-1-	Inventor's Signature:
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VIII-4-1- Name:

LOUKOLA, Anu-Maria Veikkola, Finland

Mäkitie 4

VIII-4-1- 2-1	Name:	PENN, Sharron, Gaynor
VIII-4-1- 2-2	Residence: (city and either US State, if applicable, or country)	San Carlos, California
VIII-4-1- 2-3	Mailing address:	1529 School Street
VIII-4-1- 2-4	Citizenship:	GB
VIII-4-1- 2-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1- 2-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	3 FEB 2004
VIII-4-1- 3-1	Name:	RANK, David, Russell
VIII-4-1- 3-2	Residence: (city and either US State, if applicable, or country)	Palo Alto, California
VIII-4-1- 3-3	Mailing address:	886 Bruce Drive
VIII-4-1- 3-4	Citizenship:	us
3-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
3-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	

4/4			
VIII-4-1-	Name:	HANZEL, David, Kagen	
4-1 VIII-4-1- 4-2	Residence: (city and either US State, if applicable, or country)	Palo Alto, California	
VIII-4-1- 4-3	1 "	988 Loma Verde Avenue	
	Citizenship:	υs	
4-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)		
VIII-4-1- 4-6	(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)		
VIII-4-1- 5-1	Name:	CASEY, Graham	
VIII-4-1- 5-2	Residence: (city and either US State, if applicable, or country)	Moreland Hills, Ohio	
VIII-4-1- 5-3	Mailing address:	55 Skyline Drive	
VIII-4-1- 5-4	Citizenship:	GB	
VIII-4-1- 5-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)		
VIII-4-1- 5-6	(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)		
VIII-4-1- 6-1	Name:	WITTE, John, S.	
VIII-4-1- 6-2	Residence: (city and either US State, if applicable, or country)	Burlingame, California	
VIII-4-1- 6-3	Mailing address:	2931 Frontera Way	
VIII-4-1- 6-4	Citizenship:	បន	
VIII-4-1- 6-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)		
VIII-4-1- 6-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)		

	The undersigned applicant(s)	
	hereby appoints (appoint) the following person(s)	RONNING, JR., Royal, N.(32,529); RYAN, Stephen, G. (39,015); JI, Yonggang (53,073); CAI, Li (45,629); CHISHOLM, Robert, F. (39,939); BOUDREAUX, Gerald (35,073) Amersham Biosciences Corp 800 Centennial Avenue Piscataway, NJ 08855 United States of America
	Correspondence address associated with customer number	22840
	to represent the undersigned before	The United State Patent and Trademark Office
	in connection with the 371 National Phase filing of international application identified below:	
	Title of the invention	DETECTION METHODS
	Applicant's or agent's file reference	PB0262
	International application number and Filing Date	PCT/US03/30359 25 September 2003 (25.09.2003)
-	Signature of applicant	Auntontale
	Name	LOUKOLA, Anu-Maria
	Date	22 October 2003
	Signature of applicant	
	Name	PENN, Sharron, G.
	Name Date	PENN, Sharron, G.
		PENN, Sharron, G.
	Date	PENN, Sharron, G. RANK, David, R.
	Date Signature of applicant	
	Date Signature of applicant Name	
	Date Signature of applicant Name Date	

Signature of applicant		
Name	CASEY, Graham	
Date		
Signature of applicant		
Name	WITTE, John, S.	
Date		

VIII-4-1	Declaration: Inventorship (only for the purposes of the designation of the United States of America)	
	Declaration of inventorship (Rules	I hereby declare that I believe I am the
	4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the	original, first and sole (if only one
	United States of America:	inventor is listed below) or joint (if
		more than one inventor is listed below)
		inventor of the subject matter which is
		claimed and for which a patent is
		sought.
		This declaration is directed to
		international application No.
		PCT/US03/30359(if furnishing declaration
		pursuant to Rule 26ter)
		I hereby declare that my residence,
		mailing address, and citizenship are as
		stated next to my name.
		I hereby state that I have reviewed and
		understand the contents of the above-
		identified international application,
		including the claims of said
		application. I have identified in the
		request of said application, in
		compliance with PCT Rule 4.10, any claim
		to foreign priority, and I have
		identified below, under the heading
	·	"Prior Applications," by application
		number, country or Member of the World
		Trade Organization, day, month and year
		of filing, any application for a patent
	·	or inventor's certificate filed in a
		country other than the United States of
		America, including any PCT international
		application designating at least one
		country other than the United States of
		America, having a filing date before
		that of the application on which foreign
		priority is claimed.
VIII-4-1-	Prior applications:	60/413,583, US, 25 September 2002
1		(25.09.2002)
	1	60/491,842, US, 01 August 2003
	1	(01.08.2003)
 	J	(02.00.200)

1-1	
VIII-4-1-	Residence:
1-2	(city and either US State, if applicable, or country)
VIII-4-1- 1-3	Mailing address:
VIII-4-1- 1-4	Citizenship:
VIII-4-1-	Inventor's Signature:
1-5	(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)
VIII-4-1-	Date:
1-6	(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

VIII-4-1- Name:

LOUKOLA, Anu-Maria

Veikkola, Finland

Mäkitie 4

		<u> </u>
VIII-4-1-	Name:	PENN, Sharron, Gaynor
2-1	Basidanas	
VIII-4-1- 2-2	Residence: (city and either US State, if applicable,	San Carlos, California
2-2	or country)	
VIII-4-1- 2-3	Mailing address:	1529 School Street
VIII-4-1- 2-4	Citizenship:	GB
VIII-4-1-	Inventor's Signature:	
2-5	(if not contained in the request, or if	
	declaration is corrected or added under Rule 26ter after the filing of the	
	international application. The signature	
	must be that of the inventor, not that of	
	the agent)	
VIII-4-1-		
2-6	(of signature which is not contained in	
	the request, or of the declaration that is corrected or added under Rule 26ter	
	after the filing of the international	
	application)	
VIII-4-1- 3-1	Name:	RANK, David, Russell
VIII-4-1-	Residence:	Palo Alto, California
3-2	(city and either US State, if applicable,	
	or country)	080
3-3	Mailing address:	241 Curtner Avenue
	Citizenship:	US
3-4 VIII-4-1-	Inventor's Signature:	
VIII-4-1- 3-5	(if not contained in the request, or if	RYRRE
	declaration is corrected or added under	1. 1
	Rule 26ter after the filing of the	
	international application. The signature	
	must be that of the inventor, not that of	
1/111 4 4	the agent)	1 1 2 2 2011
VIII-4-1- 3-6	Date: (of signature which is not contained in	1-6-2004
J-0	the request, or of the declaration that is	
	corrected or added under Rule 26ter	
	after the filing of the international	
	application)	

•	4/4		
VIII-4-1- 4-1	Name:	HANZEL, David, Kagen	
	Residence: (city and either US State, if applicable, or country)	Palo Alto, California	
VIII-4-1- 4-3	Mailing address:	988 Loma Verde Avenue	
	Citizenship:	us	
4-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	·	
VIII-4-1- 4-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)		
VIII-4-1- 5-1	Name:	CASEY, Graham	
	Residence: (city and either US State, if applicable, or country)	Moreland Hills, Ohio	
VIII-4-1- 5-3	Mailing address:	55 Skyline Drive	
VIII-4-1- 5-4	Citizenship:	GB	
VIII-4-1- 5-5	(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)		
VIII-4-1- 5-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	··	
VIII-4-1- 6-1	Name:	WITTE, John, S.	
VIII-4-1- 6-2	Residence: (city and either US State, if applicable, or country)	Burlingame, California	
VIII-4-1- 6-3	Mailing address:	2931 Frontera Way	
VIII-4-1- 6-4	Citizenship:	us	
VIII-4-1- 6-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)		
VIII-4-1- 6-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)		

VIII-4-1	Declaration: Inventorship (only for	
• •	the purposes of the designation of the United States of America)	
	Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:	I hereby declare that I believe I am the
		original, first and sole (if only one
		inventor is listed below) or joint (if
		more than one inventor is listed below)
		inventor of the subject matter which is
		claimed and for which a patent is
		sought.
		This declaration is directed to
		international application No.
		PCT/US03/30359 (if furnishing declaration
		pursuant to Rule 26ter)
		I hereby declare that my residence,
	·	mailing address, and citizenship are as
		stated next to my name.
		I hereby state that I have reviewed and
		understand the contents of the above-
		identified international application,
		including the claims of said
		application. I have identified in the
		request of said application, in
		compliance with PCT Rule 4.10, any claim
		to foreign priority, and I have
		identified below, under the heading
		"Prior Applications," by application
		number, country or Member of the World
	}	Trade Organization, day, month and year
		of filing, any application for a patent
		or inventor's certificate filed in a
		country other than the United States of
		America, including any PCT international
		application designating at least one
		country other than the United States of
		America, having a filing date before
700.44		that of the application on which foreign
	Dries applications	priority is claimed.
VIII-4-1- 1	Prior applications:	60/413,583, US, 25 September 2002
		(25.09.2002)
		60/491,842, US, 01 August 2003
		(01.08.2003)

VIII-4-1- Name: 1-1 VIII-4-1- Residence: 1-2 (city and either US State, if applicable, or country) VIII-4-1-Mailing address: 1-3 VIII-4-1- Citizenship: VIII-4-1- Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

LOUKOLA, Anu-Maria

Veikkola, Finland

Mäkitie 4

FI .

VIII-4-1-

1- Date:
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

	Name:	DENNI Champan Carrage
2-1	ivame.	PENN, Sharron, Gaynor
VIII-4-1-	Residence:	San Carlos, California
2-2	(city and either US State, if applicable, or country)	,
VIII-4-1- 2-3	Mailing address:	1529 School Street
VIII-4-1- 2-4	Citizenship:	GB
VIII-4-1- 2-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1-	, ,	
2-6	(of signature which is not contained in	
	the request, or of the declaration that is	
	corrected or added under Rule 26ter after the filing of the international	
	application)	
VIII-4-1- 3-1	Name:	RANK, David, Russell
VIII-4-1- 3-2	Residence: (city and either US State, if applicable, or country)	Palo Alto, California
VIII-4-1- 3-3	Mailing address:	241 Curtner Avenue
VIII-4-1- 3-4	Citizenship:	us
3-4 VIII-4-1-	Inventor's Signature:	US
3-4	Inventor's Signature: (if not contained in the request, or if	us
3-4 VIII-4-1-	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under	us
3-4 VIII-4-1-	Inventor's Signature: (if not contained in the request, or if	US
3-4 VIII-4-1-	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of	US
3-4 VIII-4-1- 3-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	US
3-4 VIII-4-1- 3-5 VIII-4-1-	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent) Date:	US
3-4 VIII-4-1- 3-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent) Date: (of signature which is not contained in	US
3-4 VIII-4-1- 3-5 VIII-4-1-	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent) Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter	US
3-4 VIII-4-1- 3-5 VIII-4-1-	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent) Date: (of signature which is not contained in the request, or of the declaration that is	US

		4/4
VIII-4-1- 4-1	Name:	HANZEL, David, Kagen
	Residence: (city and either US State, if applicable, or country)	Palo Alto, California
VIII-4-1- 4-3	Mailing address:	988 Loma Verde Avenue
VIII-4-1- 4-4	Citizenship:	us
VIII-4-1- 4-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1- 4-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	
VIII-4-1-	Name:	CASEY, Graham
	Residence:	Moreland Hills, Ohio
5-2	(city and either US State, if applicable, or country)	(187)
5-3	Mailing address:	55 Skyline Drive
VIII-4-1- 5-4	Citizenship:	GB
VIII-4-1- 5-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1- 5-6	Date: 12/10/03 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	
VIII-4-1- 6-1	· · · · · · · · · · · · · · · · · · ·	WITTE, John, S.
VIII-4-1- 6-2	Residence: (city and either US State, if applicable, or country)	Burlingame, California
VIII-4-1- 6-3	Mailing address:	2931 Frontera Way
VIII-4-1- 6-4	Citizenship:	us
VIII-4-1- 6-5	Inventor's Signature: (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	
VIII-4-1- 6-6	Date: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	